



PATENT
06005/37296

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: McCarty et al.	)	I hereby certify that this paper (or fee)
Serial No: 10/657,994	)	is being deposited with the United
Filed: September 8, 2003	)	States Postal Service as first class
For: "Sleeve Valve with Adjustable	)	mail, postage prepaid, in an envelope
Flow Characteristics"	)	addressed to: Commissioner for
Group Art Unit: 3754	)	Patents, P.O. Box 1450, Alexandria,
Examiner: To Be Determined	)	VA 22313-1450 on this date:
	)	January 15, 2004
	)	<i>Bryan J. Lempia</i>
	)	Bryan J. Lempia
	)	Reg. No. 39,746

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, the information identified on the enclosed Form PTO-1449 is disclosed to the Examiner for consideration in connection with the above-identified patent application. Copies of the documents listed on the Form PTO-1449 are enclosed herewith.

A number of the references cited in the attached form PTO-1449 are not in the English language and do not have any English equivalent or available English language abstract. Therefore, the applicants briefly describe below the possible relevance of the subject references, as best currently understood by applicant.

German Patent DE 896 140 discloses a sleeve valve with a fixed valve seat. German Patent DE 951 691 discloses a sleeve valve with a valve seat and a seat portion attached to a fixed portion wherein the seat portion is movable toward the sleeve and includes two different materials, one of which is positioned so that it bears against the sleeve in a closed position. Swiss Patent CH 280 611 discloses a sleeve valve with a fixed valve seat and may possibly be an equivalent to German Patent DE 896 140. Belgium Patent BE 494 736 discloses a sleeve valve with a fixed valve seat. United Kingdom Patent GB 791 118 discloses a sleeve valve with a valve seat having a fixed portion and a removable domed

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portion. The domed portion is said to be removable and can move toward the sleeve relative to the fixed portion of the valve seat when needed.

This Information Disclosure Statement is being submitted before the mailing of a First Action on the merits, and consequently should be considered by the Patent Office without payment of a fee. See 37 C.F.R. §1.97(b). However, please charge any necessary fees due in connection with consideration of this Information Disclosure Statement to Deposit Account No. 13-2855. A copy of this paper is enclosed herewith.

Respectfully submitted,



Bryan J. Lempia

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MARSHALL, GERSTEIN & BORUN

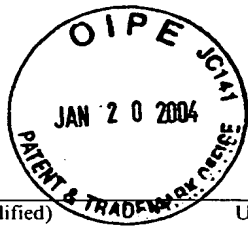
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Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 06005/37296	Serial No. 10/657,994
INFORMATION DISCLOSURE STATEMENT		Applicant Michael W. McCarty et al.	
		Filing Date Sept. 8, 2003	Group 3754

U.S. PATENT DOCUMENTS							
*Examiner Initials		Patent Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate
		1,477,722	12/18/23	Slattery			
		2,278,313	03/31/42	Hornbostel	251	8	
		3,322,138	05/30/67	Backman	137	219	
		3,654,950	04/11/72	Hamm	137	219	
		4,117,859	10/03/78	Illy	137	219	
		4,470,549	09/11/84	McMillan et al.	239	583	
		4,589,439	05/20/86	Steingass	137	219	
		5,020,727	06/04/91	Smith	239	526	
		5,161,738	11/10/92	Wass	236	92	
		5,529,281	06/25/96	Brudnicki et al.	251	129.03	
		5,950,660	09/14/99	Hartman et al.	137	219	
		6,116,571	09/12/00	Hettinger	251	129.2	
		6,361,018 B2	03/26/02	Roth et al.	251	129.2	

FOREIGN PATENT DOCUMENTS								
*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		BE 494 736		BE				X
		DE 896 140		DE				X
		DE 951 691		DE				X
		CH 280611		SW				X
		GB 791 118		GB				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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